Claim 50. A method for identifying a composition comprising identifying a plurality of the naturally occurring stable isotopes of said composition, analyzing said composition for the concentrations of a plurality of naturally occurring stable isotopes of said composition, deriving empirical information from said analyzing step, and arranging said empirical information into a numerical array.

## **VERSION WITH MARKINGS TO SHOW CHANGES MADE**

## IN THE CLAIMS

Claim 48. The method of Claim 5 wherein said stable isotopes are of the plurality of naturally occurring stable isotopes of said composition.

Claim 49. The method of Claim 17 further comprising the step of increasing the composition of at least one of the plurality of naturally occurring stable isotopes of said composition, and analyzing the same as part of said analyzing step.

Claim 50. A method for identifying a composition comprising identifying a plurality of the naturally occurring stable isotopes of said composition, analyzing said composition for the concentrations of a plurality of naturally occurring stable isotopes of said composition, deriving empirical information from said analyzing step, and arranging said empirical information into a

numerical array.

Respectfully submitted

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